

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See attached form for additional information.

Interagency Report Control No. 0180-DOA-AN

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	1. REGISTRATION NO. CUSTOMER NO. 64-R-001/876	FORM APPROVED OMB NO. 0579-0036
	2. HEADQUARTERS RESEARCH FACILITY Southern Research Institute 2000 Ninth Avenue South P.O. Box 55305 Birmingham, AL 35255 Telephone: (205)-581-2000	
3. REPORTING FACILITY (List all locations where animals were housed or used in research, testing, or experimentation or held for these purposes. Attach additional sheets if necessary.)		

FACILITY LOCATIONS (Sites) – See attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned or held for use in teaching, testing experimental research, or surgery but not used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs		19	43	24	86
5. Cats					
6. Guinea Pigs		10	4	0	14
7. Hamsters		19	0	0	19
8. Rabbits		6	24	0	30
9. Non-human Primates		317 (19)*	125	0	461
10. Sheep					
11. Pigs		6	24	0	30
12. Other Farm Animals					
13. Other Animals					
Ferrets		11	72	0	83
Cotton Rats		40	99	280	419

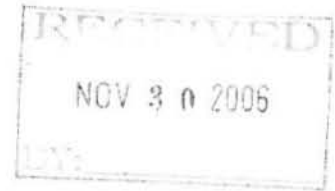
ASSURANCE STATEMENTS

- 1) Professionally accepted standards covering the care, restraint and use of anesthetic, analgesia, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and reported to the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes brief explanations of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

VERIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Executive Officer or Legally Responsible Institutional Official)		
I. NAME AND TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type OR Print)	Date Signed	
(b)(6),(b)(7)(c)	29 Nov 06	

Part 1 - HEADQUARTERS

Q.09



SOUTHERN RESEARCH INSTITUTE

Affiliated with the University of Alabama at Birmingham

November 29, 2006

Reference: Registration # 64-R-0001

Attachment to Annual Report of Research Facility (APHIS Form 7023)

Explanation for animals classified under Item E of Amended APHIS Form 7023:

There were 280 Cotton rats noted in the "pain and distress without treatment" category because they were administered an infectious disease agent that caused pain or distress, interfered with normal functions, or caused acute progression to death. All of these animals were involved in infectious challenge studies and were used to establish the pathophysiology associated with adenoviral and coronaviral virulence. A reliable indicator of impending death or severe morbidity has now been established for these respiratory vectors and subsequent studies provide early endpoints and appropriate clinical intervention. While every effort is made to humanely euthanize animals that reach irreversible morbidity, the rapid progression of the disease combined with the non-specific nature of the developing clinical symptoms often precluded such interventions during the documentation of pathologic changes.

There were 24 dogs involved in a single oral toxicity study that would not allow clinical intervention until mild to moderate toxic clinical signs were elicited. These animals were not allowed to progress beyond moderate morbidity before they were removed from study through euthanasia. Clinical intervention to alleviate distress would have significantly impacted the pathology findings associated with the test articles.

The animals noted in this justification were observed for development of adverse clinical signs daily. They were under the care of a veterinarian during the entire testing period.

(b)(6),(b)(7)(c)